

ABSTRACT OF THE DISCLOSURE

An optical pickup device for recording and/or reproducing information in an optical information recording medium, comprises a light source to emit light flux having a central wavelength not longer than 500 nm; a converging optical system to converge the light flux emitted from the light source onto an information recording surface of the optical information recording medium; and an optical detector to detect light flux reflected from the information recording surface of the optical information recording medium or the light flux passing through the information recording surface of the optical information recording medium; wherein the converging optical system or the optical detector comprises at least one optical element and the optical element comprises at least one optical surface having a center-line mean roughness R_a of 5 nm or less.